

In the Claims

Claim 1. (Once amended) An apparatus for securement of a low profile auxiliary generator to large vehicles, said large vehicle having a frame and entry doors for an operator, said apparatus functioning as a step when mounted on said frame below an entry door, said step comprising an enclosure having an interconnected floor parallel to and below said frame, opposite vertical side walls, opposite vertical end walls, and a top parallel to said floor, an integral engine/generator set fixed in said enclosure, said engine/generator set having a liquid cooled internal combustion engine rigidly connected to an electrical generator by a thin vertical planar bracket, said engine having at least one cylinder disposed parallel to said floor for turning said generator to produce electricity, said engine/generator set connected to a plurality of isolation mounts to reduce vibration, said isolation mounts fixed to said floor, one of said vertical side walls pivotally connected to said opposite vertical end walls by a hinge to provide access to said enclosure.

Claim 2. (Original) The apparatus according to claim 1 wherein the height of said vertical end walls and said vertical side walls is approximately 15 inches.

Claim 3. (Original) The apparatus according to claim 1 wherein said liquid cooled diesel engine has a remotely mounted radiator and associated fan.

Claim 3. (Cancelled) The apparatus according to claim 1 wherein said liquid cooled diesel engine has a remotely mounted radiator and associated fan.

Claim 4. (Original) The apparatus according to claim 1 wherein said liquid cooled engine has a radiator and associated fan, said radiator and said fan mounted on a vertical wall outside said enclosure.

Claim 5. (Original) The apparatus according to claim 3 wherein said vertical wall is perforated and has a height of approximately 14 inches.

Claim 6. (Original) The apparatus according to claim 4 wherein said associated fan is located between said perforated wall and said radiator whereby said fan extracts heat from said enclosure and provides air flow across said radiator.

Claim 7. (Original) The apparatus according to claim 1 wherein said vertical end walls are hinged to said top.

Claim 8. (Original) The apparatus according to claim 7 wherein said vertical end walls are two piece constructions whereby operation of said hinge to provide access to said enclosure separates said two piece construction.

Claim 9. (Original) The apparatus according to claim 6 wherein said opposite side walls are fixedly interconnected with said opposite end walls and said top is hingedly connected to said box to provide access to said enclosure.

Claim 10. (Original) The apparatus according to claim 1 wherein said top is a removable cover.

Claim 11. (Original) The apparatus according to claim 1 wherein said floor extends beyond said side walls forming a planar step.

Claim 12. (Original) The apparatus according to claim 1 wherein said integral engine is a horizontally disposed one cylinder liquid cooled Kubota diesel engine.

Claim 13. (Once amended) The apparatus according to claim 1 wherein said liquid cooled engine is coupled to ~~the~~ a truck radiator for cooling purposes.

Claim 14. (Original) An apparatus for securement of a low profile auxiliary generator to large vehicles having a frame, said apparatus functioning as an auxiliary engine enclosure when mounted on said frame, said enclosure having an interconnected floor parallel to said frame, opposite vertical side walls, opposite vertical end walls, and a top parallel to said floor, an integral engine/generator set fixed in said enclosure, said set having a liquid cooled internal combustion engine rigidly connected to an electrical generator by a thin vertical planar bracket, said engine having at least one cylinder disposed parallel to said floor for turning said generator to produce electricity, said set connected to isolation mounts to reduce vibration, said isolation mounts fixed to said floor.

Claim 15. (Original) The apparatus according to claim 14 wherein the height of said vertical end walls and said vertical side walls is approximately 15 inches.

Claim 16. (Original) The apparatus according to claim 14 wherein said liquid cooled engine has a radiator and associated fan, said radiator and said fan remotely mounted.

Claim 17. (Once amended) The apparatus according to claim 16 wherein at least one of said vertical walls is perforated for

discharging hot air and exhaust from said low profile generator set.

Claim 18. (Once amended) The apparatus according to claim 14
17 wherein said radiator is located between said at least one perforated wall and said associated fan whereby said fan extracts heat from said enclosure and provides air flow across said radiator.

Claim 19. (Original) The apparatus according to claim 14 wherein said a hinge couples to said opposite vertical end walls along said vertical side wall and said top whereby operation of said hinge provides access to said enclosure.

Claim 20. (Original) The apparatus according to claim 19 wherein said vertical end walls are two piece constructions whereby operation of said hinge to provide access to said enclosure separates said two piece construction.

Claim 21. (Original) The apparatus according to claim 19 wherein said opposite side walls are fixedly interconnected with said opposite end walls and said top is hingedly connected to said box to provide access to said enclosure.

Claim 22. (Once amended) The apparatus according to claim 14 wherein said large vehicle is a truck and said liquid cooled diesel engine of said low profile generator set is coupled to the said truck's radiator for cooling purposes.